

J1057 U.S. PTO  
02/21/02

02-22-02 A

PTO/SB/05 (03-01)

Approved for use through 10/31/2002, OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

First Inventor

Title SAFER MUNITIONS WITH  
ENHANCED VELOCITY

Express Mail Label No. ET311627837US

J1040 U.S. PTO  
10/08/00/94  
02/21/02

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 25]  
(preferred arrangement set forth below)
 

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 14 ]

5. Oath or Declaration [ Total Pages 2 ]

a.  Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)

i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
 

- a.  Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
  - i.  CD-ROM or CD-R (2 copies); or
  - ii.  paper
- c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3.73(b) Statement  Power of  
(when there is an assignee)  Attorney

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS  
Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16.  Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.

17.  Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-part (CIP) of prior application No. \_\_\_\_\_ / \_\_\_\_\_

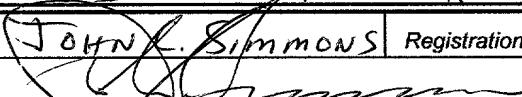
Prior application information. Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or  Correspondence address below

Name	JOHN C. SIMMONS				
	7993 CAVERSHAMWOOD LN.				
Address					
City	GERMANTOWN	State	TN	Zip Code	38138
Country	US	Telephone	901 754-9458	Fax	(609) 694-6172

Name (Print/Type)	JOHN C. SIMMONS	Registration No. (Attorney/Agent)	
Signature			Date 2/21/02

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

## Complete if Known

Application Number		
Filing Date	2/21/02	
First Named Inventor	John C. Simmons	
Examiner Name		
Group Art Unit		
Attorney Docket No.		

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

 Deposit Account:

Deposit Account Number	
Deposit Account Name	

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
101 740	201 370	Utility filing fee	370.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$ 370.00)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims	Fee from below	Fee Paid
Total Claims		
Independent Claims	4	42
Multiple Dependent		

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 42.00)

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
105 130	205 65	205 65	205 65	Surcharge - late filing fee or oath	
127 50	227 25	227 25	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	139 130	139 130	Non-English specification	
147 2,520	147 2,520	147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	215 55	215 55	Extension for reply within first month	
116 400	216 200	216 200	216 200	Extension for reply within second month	
117 920	217 460	217 460	217 460	Extension for reply within third month	
118 1,440	218 720	218 720	218 720	Extension for reply within fourth month	
128 1,960	228 980	228 980	228 980	Extension for reply within fifth month	
119 320	219 160	219 160	219 160	Notice of Appeal	
120 320	220 160	220 160	220 160	Filing a brief in support of an appeal	
121 280	221 140	221 140	221 140	Request for oral hearing	
138 1,510	138 1,510	138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	240 55	240 55	Petition to revive - unavoidable	
141 1,280	241 640	241 640	241 640	Petition to revive - unintentional	
142 1,280	242 640	242 640	242 640	Utility issue fee (or reissue)	
143 460	243 230	243 230	243 230	Design issue fee	
144 620	244 310	244 310	244 310	Plant issue fee	
122 130	122 130	122 130	122 130	Petitions to the Commissioner	
123 50	123 50	123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	246 370	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	249 370	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	279 370	279 370	Request for Continued Examination (RCE)	
169 900	169 900	169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 412.00)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	John C. Simmons	Registration No. (Attorney/Agent)	Telephone	901-754-9458
Signature	John C. Simmons			
			Date	2/21/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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PTO/SB/21 (08-00)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number

Filing Date

2/21/02

First Named Inventor

John C. Simmons

Group Art Unit

Examiner Name

Total Number of Pages in This Submission

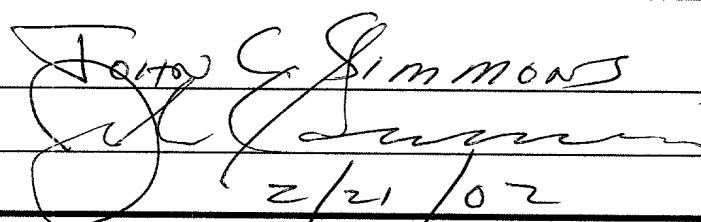
Attorney Docket Number

### ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		Remarks
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
or  
Individual name

  
John C. Simmons

Signature

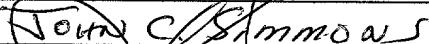
Date

2/21/02

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

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John C. Simmons

Signature

Date

2/21/02

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